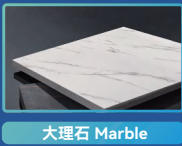
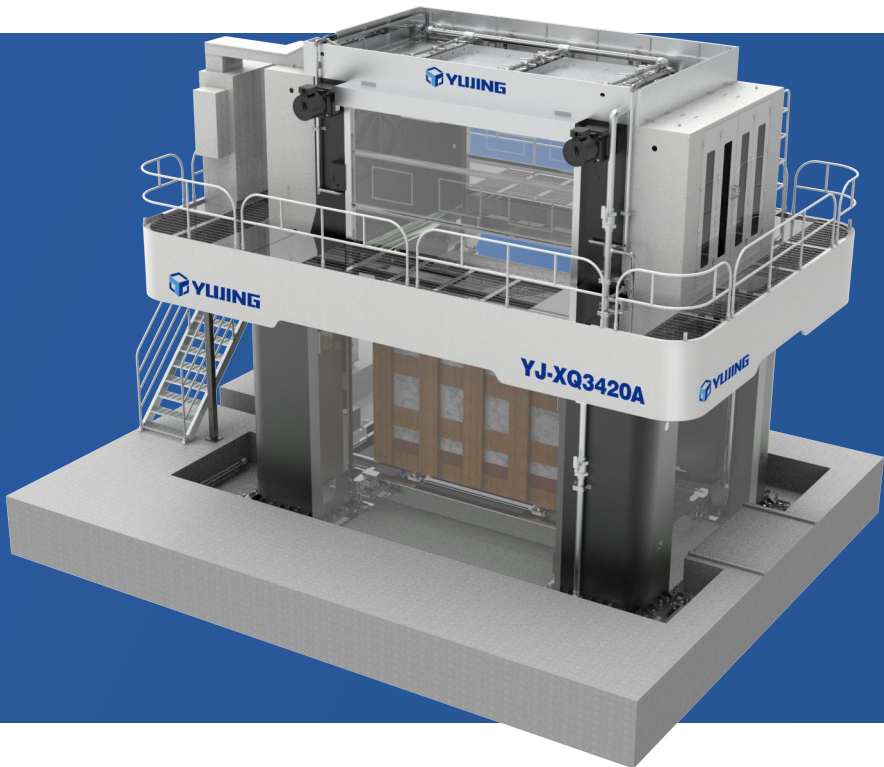


MULTI-WIRE SAW

多线切割机YJ-XQ3420A

机台主要用于大理石荒料的切割，出材率高，大大降低石粉污染。  
The machine is primarily used for cutting marble blocks, with a high yield rate that significantly reduces stone dust pollution.



设备特点

- **精准张力控制:** 伺服电机控制张力，精度达±5N，排线系统具备自动检测、纠偏功能，确保切割效果;
- **极速切割:** 高刚性机架结构，切割主体全铸件结构，配备自主研发高精度轴承箱，实现1200-2400米/分钟的超高速切割，切割效率更高;
- **场地兼容性强:** 可根据客户场地布局灵活调整，实现正面进料和侧面进料;
- **智能化控制:** 机台具备断线保证装置、线网张力监控、进给速度自适应调节;
- **热变形控制:** 机台轴承箱、主电机、收放线温度独立控制，有效控制机器运行热变形，喷淋系统具备满天星、喷射喷淋，提高线网热交换;
- **低成本:** 机器设备配备能量回收功能单元，可大大降低切割能耗，我司自主研发石材设备专用金刚线、自主加工罗拉、开槽;
- **优质服务:** 专业服务团队保驾护航，具备多年线切割经验，24小时快速响应，不断提升客户体验。

MAIN TECHNICAL FEATURES

- **Precision Tension Control:** Servo motor controls tension with an accuracy of ±5N. The wire arrangement system features automatic detection and correction functions to ensure optimal cutting results.
- **Ultra-fast Cutting:** High rigidity frame structure, cutting body full casting structure, equipped with self-developed high-precision bearing box, realizing 1200-2400m/min ultra-high-speed cutting, higher cutting efficiency.
- **Strong Site Compatibility:** Flexible adjustment according to customer site layouts, supporting both front and side feeding options.
- **Intelligent Control:** The machine is equipped with a wire breakage protection device, wire mesh tension monitoring, and adaptive feed speed regulation.
- **Thermal Deformation Control:** Independent temperature control for the machine's bearing box, main motor, and wire payout/take-up systems effectively minimizes thermal deformation during operation. The spray system includes full-sky and jet spray functionalities to enhance heat exchange in the wire mesh.
- **Low Cost:** The equipment features an energy recovery unit that significantly reduces cutting energy consumption. Our company also develops specialized diamond wires for stone processing machinery and performs in-house processing of rollers and grooving.
- **Quality Service:** Supported by a professional service team with years of experience in wire cutting, providing 24/7 rapid response to continuously improve customer satisfaction.

主要技术参数 MAIN TECHNICAL SPECIFICATIONS

项目/Items	规格/Specs
最大切割尺寸/Maximum cutting size	3400×2000×2200(mm)
储线量/Storage capacity	30Km (φ0.55 diamond wire)
切割线线径/Diamond wire diameter	φ0.45 ~ φ0.6mm
切割速度/Cutting speed	2100m/min
切割厚度/Cutting thickness	10-30mm
工件升降台行程/Workpiece lifting table stroke	2630mm
切割张力调节范围/Diamond thread tension	Max 308N
满载功率/Full load poewr	310KW
罗拉尺寸/Lola size	Φ330-Φ360mm×2100mm
设备尺寸/Equipment size	Around 11m×6.4m×6.7m (Includes platform + stairs)
机器重量/Mechanical weight	Around 75T